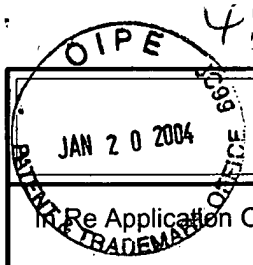


2874



**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
**02110050AA**

Re Application Of: **Fukuchi**

Serial No. <b>09/991,689</b>	Filing Date <b>11-26-01</b>	Examiner <b>Wong, Eric K</b>	Group Art Unit <b>2874</b>
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Title: **OPTICAL WAVELENGTH-MULTIPLEXING TECHNIQUE**

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- 1 IDS Submission**
- 1 postcard + copy**
- 1 PTO form 1449**
- 2 associated art documents**
- 1 trasmittal letter**

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **50-2041** as described below.
  - ☐ Charge the amount of \_\_\_\_\_
  - ☒ Credit any overpayment.
  - ☒ Charge any additional fee required.

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*Signature*

Dated: **1-20-04**

**Michael E. Whitham**  
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I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Fukuchi

Serial No. 09/991,689

Group Art Unit: 2874

Filed: 11-26-01

Examiner: Wong, Eric K

For: **OPTICAL WAVELENGTH-MULTIPLEXING TECHNIQUE**

Commissioner of Patents

P.O. Box 1450

Alexandria, Va. 22313-1450

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INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.99 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, which are cited in a Japanese Office Action for the corresponding application and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing of this statement.

In compliance with the requirements of 37 C.F.R. §1.98 (a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation the official action by a foreign examiner in which the reference was cited. The relevance to the pending U.S. Patent application in that the reference was cited in a foreign patent

relevance to the pending U.S. Patent application in that the reference was cited in a foreign patent application on the same subject matter. However, no independent analysis of the reference, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith.

It is respectfully requested that the listed references be considered by the examiner and be formally made of record in the application.

Please charge any deficiencies in fees and credits any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'M. E. Whitham', written in a cursive style.

Michael E. Whitham  
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整理番号:68600339

発送番号:381999 発送日:平成15年11月 4日

1

## 拒絶理由通知書

特許出願の番号	特願 2 0 0 0 - 3 6 1 3 5 6
起案日	平成 1 5 年 1 0 月 2 7 日
特許庁審査官	檜本 剛 9 3 7 9 5 C 0 0
特許出願人代理人	机 昌彦 (外 2 名) 様
適用条文	第 2 9 条第 2 項、第 3 6 条

この出願は、次の理由によって拒絶をすべきものである。これについて意見があれば、この通知書の発送の日から 6 0 日以内に意見書を提出して下さい。

## 理 由

## (理由 1)

この出願の下記の請求項に係る発明は、その出願前日本国内又は外国において頒布された下記 of 刊行物に記載された発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第 2 9 条第 2 項の規定により特許を受けることができない。

## (理由 2)

この出願は、特許請求の範囲の記載が下記の点で、特許法第 3 6 条第 6 項第 2 号に規定する要件を満たしていない。

記 (引用文献等については引用文献等一覧参照)

1. 請求項 5 / 理由 1 / 引用文献 1 ~ 3

引用文献 1 記載の、骨伝導マイクロホン及び骨伝導スピーカを用いて音声認識を行うものにおいて、引用文献 2 記載の「認識対象を口腔内で発した物音とする点」及び、引用文献 3 記載の「制御装置 (本願請求項 5 の「本体処理装置」に相当) を入力処理装置と離れた位置に設ける点」を寄せ集めることは、引用文献 1 ~ 3 の属する技術分野の同一性により、当業者であれば容易に想到しうる。

2. 請求項 5 ~ 7 / 理由 2

上記各請求項に記載の「前記入出力装置」 (各 2 箇所) の前には「入出力装置」という記載がないので、上記各請求項に記載の発明は明確ではない。



02110050AA

1. Claim 5/Reason 1/Citations 1-3

In accomplishing audio recognition through the use of a skeletal conduction microphone and speaker, as referred to in Citation 1, combining the "point of making the object of recognition to be sounds produced within the oral cavity" as referred to in Citation 2, with the "point of attaching the control device (corresponding to the "main body processor" of Claim 5 of the present application) in a position removed from that of the input processor", as referred to in Citation 3, is something which could be easily conceived by one skilled in the same technology sector as that belonging to Citations 1-3.

Reference Citation List

1. Microfilm of Japanese Utility Model Application  
Sho 58-23304  
(Japanese Laid Open Utility Model Sho 59-130141)
2. Japanese Laid Open Patent Publication Hei 5-333894
3. Japanese Laid Open Patent Publication Hei 10-268894

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Record of the Examination Results relating to Documents of  
the Prior Art

- Examined Technical Field: IPC 7th Edition

G10L15/00-15/28  
H04M11/04

Documents of the Prior Art

Japanese Laid-Open Patent Publication Hei 4-316300  
Japanese Laid-Open Patent Publication Hei 2-92140  
Japanese Laid-Open Patent Publication Sho 61-128700  
Japanese Laid-Open Patent Publication Hei 2-92140  
Japanese Laid-Open Patent Publication 2000-196782